Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 16 Sep 2021 until 23:59 on Friday 17 Sep 2021

Forecast Issued on Wednesday 15 Sep 2021 at 11:00

Confidence: High for warm and largely dry weather over the next couple of days. There is significant uncertainty in the development of any rainfall through Friday night and on Saturday.

Headline for Thursday 16 Sep 2021: A dull start will give way to warm sunshine.

Mountain weather hazards on Thursday 16 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Fog	Cloudy	Sunny intervals	Sunny intervals	Sunny	Sunny	Partly cloudy (night)
Precipitation probability							
40%	50%	20%	00%	00%	00%	00%	00%

Forecast for Thursday 16 Sep 2021

Weather: Mist, fog and drizzle will set in through the early hours but this will be short lived as skies clear from the west shortly after dawn. This will leave long spells of sunshine through the day and clear skies into the evening.

Chance of cloud free mountain/hill tops above 600m: 10% at best initially, improving 100% by late morning.

Visibility: A dull, damp start in the hills as cloud shrouds slopes above around 400m and brings spells of drizzle. Widely limited to a few hundred meters above the cloud base. From dawn a marked change will occur as this cloud clears eastwards leaving excellent visibility.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 16 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 SW	9/12 W	8/12 W	10/14 W	12/17 W	12/17 W	7/10 SW	8/11 S	9/14 S
300	3/10 SW	4/9 W	4/10 W	6/11 W	9/16 W	9/16 W	2/7 SW	2/6 SE	3/9 SE
Valley	1/6 W	2/6 W	2/5 NW	4/8 W	8/15 SW	9/15 SW	2/6 SW	3/6 E	3/7 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	11/9	10/8	11/9	12/10	13/11	11/10	10/8	10/8
300	12/11	12/12	12/11	14/13	16/14	16/14	13/13	10/10	10/10
Valley	13/13	13/13	12/12	15/14	17/16	17/16	14/14	12/12	12/12
Freezing Level*	2500m	2400m	2200m	2300m	2500m	2700m	2700m	2700m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Pleasant conditions in the hills after early low cloud clears. Be aware of the risk of sunburn.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 15 Sep 2021	0.6mm	0.8mm	1.2mm

Forecast for Friday 17 Sep 2021

Weather: Dry with hazy sunshine through morning and a few patches of low level cloud, mainly in the south. These will lift as southerly winds freshen through the day but it will still feel warm in shelter. Cloud will thicken through afternoon, perhaps enough to bring some spells of rain by the end of the day but this is currently uncertain.

Maximum wind: South 20-25mph, easing through evening.

Chance of cloud free mountain/hill tops above 600m: 95%, falling 70% through evening.

Visibility: Patches of cloud above 400m possible through morning but these should be few and far between. Very good visibility expected with some far reaching views on offer. A few patches of cloud above 500m may develop across southern slopes through evening.

Temperature: **Valleys:** Plus 10 Celsius rising to 18 Celsius.
At 600m: Plus 12 Celsius
Freezing level: Well above summits.

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